COOPER LIGHTING - METALUX®

DESCRIPTION

The DIVM Series is an energy efficient family of industrials that feature premium performance and durability. The industrial series incorporates heavy duty, embossed, reflectors that precisely direct and effectively control light. The special deep center "V" reflector provides 30° crosswise shielding to minimize glare. The versatile DIVM Series can be installed using various mounting methods and numerous options and accessories are available.

The DIVM Series can be utilized in simple task and area lighting to the most demanding industrial applications.

Catalog #		Type
Project		
Comments		Date
Prepared by		

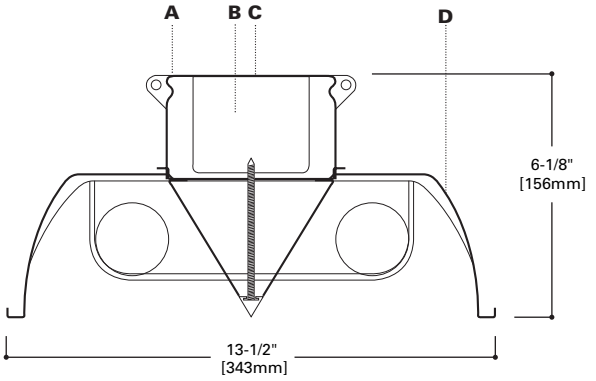
SPECIFICATION FEATURES

A ... Construction
Channel is code gauge prime cold rolled steel. Die formed with deep V-grooves for tong hanger. Die formed channel connector assures straight rows and continuity of ground through set screws. Lampholder mounting brackets are easily inserted with snap-in action.

B ... Electrical*
Ballast are CBM/ETL Class "P" and positively secured by mounting bolts. Metal clad lampholders are spring loaded for turret safety. UL/CUL listed. Suitable for damp locations.

C ... Finish
Multistage iron phosphate pretreatment ensures maximum bonding and rust inhibitor. Lighting grade, baked white enamel finish.

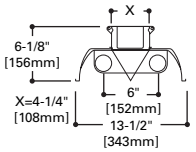
D ... Reflectors
Painted after fabrication. Die formed code gauge steel. Deep draw full width ribs formed with one press stroke. Side flanges lend strength with upward turn. Easily cleaned. Baked white enamel 13-1/2" width. Four foot sections. Reflector Center "V" provides 30° crosswise shielding and reduces glare. Reflector and Center "V" retained by positive mounting bolt. Reflector aligners provided. Standard with 20% uplight (DIVM) Closed top reflector (DCIVM).



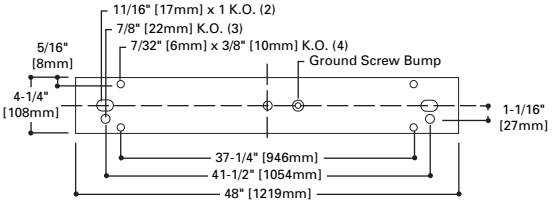
DIVM
248PG
296PG
248VHO
296VHO

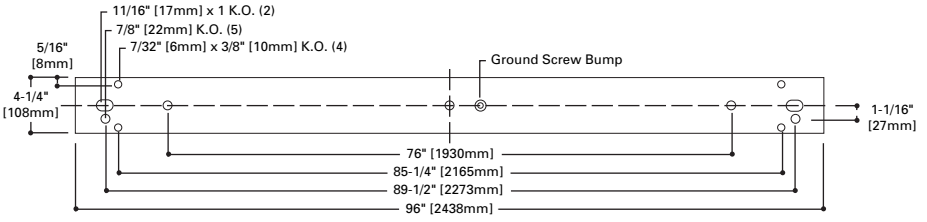
4' OR 8' INDUSTRIAL
2 LAMP
POWER GROOVE, 1500MA
VERY HIGH OUTPUT, 1500MA
Heavy Duty Industrial

LAMP CONFIGURATIONS



MOUNTING DATA





ENERGY DATA

Input Watts:
STD Ballast & STD Lamps
248PG (242)
296PG (440)
248VHO (242)
296VHO (440)

Luminaire Efficacy Rating
LER = FI-59
Catalog Number: DIVM-296PG

Yearly Cost of 1000 lumens, 3000 hrs at .08 KWH = $4.07

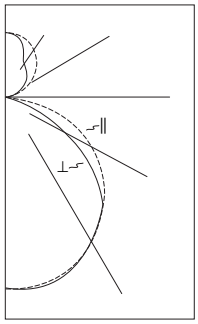
*Reference the lamp/ballast data in the Technical Section for specific lamp/ballast requirements.

LAMPS CONTAIN MERCURY. DISPOSE ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

LINEAR DISCONNECT
Safe and convenient means of disconnecting power

ISO SYSTEMS CERTIFIED

Specifications and Dimensions subject to change without notice.
Consult your representative for additional options and finishes.



DIVM-296PG
Standard Ballast

F96PG17/CW Lamps
15300 Lumens

Spacing criterion: (II) 1.3 x mounting height, (⊥) 1.3 x mounting height

Efficiency 84.4%

Test Report: DIVM296PG.IES

LER = FI-59

Yearly Cost of 1000 lumens, 3000 hrs at .08 KWH = $4.07

Coefficients of Utilization

Effective floor cavity reflectance					20%															
rc	80%				70%				50%			30%			10%			0%		
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR																				
0	96	96	96	96	92	92	92	92	84	84	84	76	76	76	69	69	69	66		
1	88	84	81	78	84	80	77	75	74	71	69	67	65	64	61	60	59	56		
2	80	74	68	64	76	70	66	61	65	61	57	59	56	53	54	52	50	47		
3	73	65	58	53	70	62	56	51	57	52	48	52	48	45	48	45	42	40		
4	67	57	50	45	64	55	49	44	51	45	41	47	42	39	43	39	36	34		
5	61	51	44	39	58	49	42	38	45	40	35	42	37	33	38	35	31	29		
6	57	46	39	34	54	44	38	33	41	35	31	38	33	29	35	31	28	26		
7	52	42	34	29	50	40	33	29	37	31	27	34	29	26	32	28	25	23		
8	49	38	31	26	46	36	30	26	34	28	24	31	27	23	29	25	22	20		
9	45	35	28	23	43	33	27	23	31	26	22	29	24	21	27	23	20	18		
10	43	32	25	21	41	31	25	21	29	23	20	27	22	19	25	21	18	16		

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	5605	18.3	21.7
0-40	9275	30.3	35.9
0-60	16531	54.0	64.0
0-90	20185	66.0	78.2
90-180	5627	18.4	21.8
0-180	25811	84.4	100.0

Candela

Angle	Along II	45°	Across ⊥
0	7110	7110	7110
10	7021	6991	7081
20	6689	6693	6748
30	6168	6164	6219
40	5469	5460	5545
50	4573	4551	4104
60	3532	3084	2363
70	2321	1382	947
80	998	448	444
90	24	100	131
100	257	226	217
110	672	417	417
120	1093	684	634
130	1478	1016	899
140	1800	1298	1218
150	2064	1613	1466
160	2243	2149	1892
170	2351	2339	2363
180	2376	2376	2376

ORDERING INFORMATION

SAMPLE NUMBER: DIVM-296PG-120V-EB81-U

Tandem
Blank=4' Length
8T=8' Length

Series
DIVM=Apertured Reflector
DCIVM=Closed Top Reflector

Number of Lamps
2 Lamps
(Not included)

Wattage (Length)
48VHO=110W (48") VHO
96VHO=185/215W (96") VHO
96PG=185/215W (96") PG

Voltage (1)
120V=120 Volt
277V=277 Volt
347V=347 Volt

Options
GL=Single Element Fuse
GM=Double Element Fuse
Emergency=EM Installed

Ballast Type (1)
EB8__=T8 Electronic Instant Start. Total Harmonic Distortion < 10%
No. of Ballast: 1, 2 or 3
EB8__/PLUS=T8 Electronic Instant Start. High Ballast Factor >1.13. Total Harmonic Distortion < 20%
No. of Ballast: 1, 2 or 3
ER8__=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%
No. of Ballast: 1, 2 or 3
EB2__=T12 Electronic Rapid Start.
No. of Ballast: 1 or 2

Options
RIF1=Radio Interference Suppressor
6-3/18 SJT-C&P-515P=Cord & Plug (120V)
6-3/18 SJT-C&P-L715P=Cord & Plug (277V)
PI/CPI=Plug-In Option
TILW=Tandem In-Line Wiring Option (Consult TILW Option Catalog Page)
POX=Porlux Finish
(See options & accessories)

Packaging
U=Unit Pack
4B=4 Bulk

NOTES: (1)Products also available in non-US voltages and frequencies for international markets.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information.

ACCESSORIES

(Order Separately)

A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 per fixture)
ATG-4=Tong Hanger (Use 2 per fixture)
SCF=Fixed Stem Set (Specify Length)
SCS=Swivel Stem Set (Specify Length)
SCA=Adjustable 48" Stem Set
AYC-Chain/Set-U=Chain Hanger Set (Use 1 set per fixture)
WG/DI-4FT-U[2]=Wire Guard
WGG/DI-4FT-U[2]=Wire Gym Guard
MECL-DI/SL-48-U=Metal Egg Crate Louver
MECL-DI/SL-96-U=Metal Egg Crate Louver
DI2=Long Connector
CEP=Closed End Plate

(Additional Accessories Available. See Options and Accessories Section).

SHIPPING INFORMATION

Catalog No.	Wt.
DIVM-248PG[1]	26 lbs.
DIVM-296PG[1]	41 lbs.